d|i|g|i|t|a|l ™
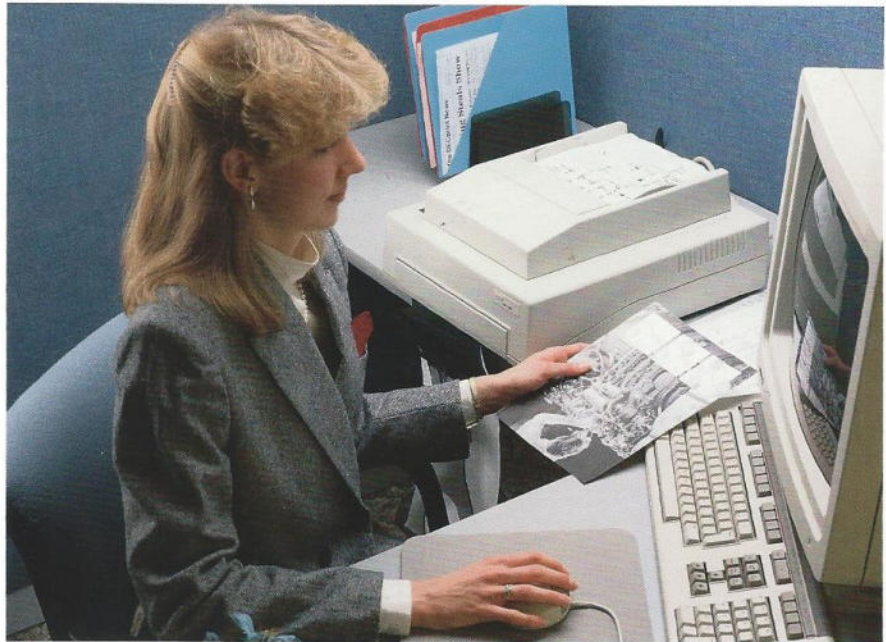

Hardcopy Image Capture at the Workstation

With the MD300 VAXimage Scanning Subsystem, any information on paper — photographs, line drawings, business forms, engineering sketches — can be entered into the computer-based information system of a department or the enterprise. The scanned-in image becomes a file which conforms to Digital's Document Interchange Format (DDIF).

Once scanned into the system, the image can be displayed on a terminal, modified, stored or mailed electronically. And, it can be used in combination with Digital publishing software to create professional quality documentation for the workgroup, the department, the corporation.

Highlights

- Accurately reproduces line art, text and illustrations; even complex photographs as half-tone images.

- Complies with Digital's and industry standards for network-wide integration of image data.

- Scans at six pages per minute, either manually or automatically through the document feeder.

- Features six user-selectable scanning rates from 75 - 300 DPI.

- Works with VAXimage Scanning Application software to give users a common interface — through windows and pull-down menus — with all Digital applications.

- Requires no scheduled maintenance.

Easy Desktop Scanning

From an image on paper to an electronic image on a terminal screen in seconds. The MD300 VAXimage Scanning Subsystem allows image capture from a Digital workstation quickly, easily and inexpensively.

The MD300 scanner sits conveniently on a desktop. It scans at six user-selectable rates, from a low of 75 to a high of 300 dots per inch. Three different scanning modes — line art, half-tone and mixed — ensure the most efficient use of time and resources.

The VAXimage Scanning Subsystem combines with VAXimage Scanning Application software to provide a completely self-contained input system. The components include the MD300 image scanner, a print-and-scan controller, cable interconnects, VMS V5.0 driver and user-friendly window application software.
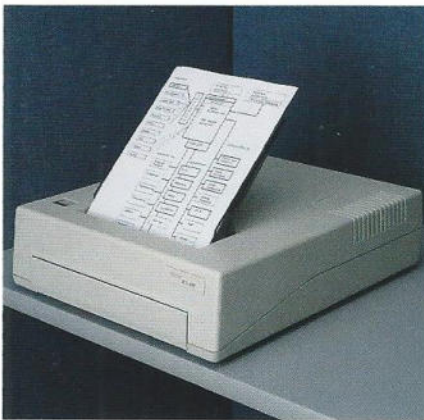
The scanner may be attached to either a standalone or networked MicroVAX II or VAXstation 3000 series system.

Operation is easy, and the scanner requires no periodic preventive maintenance. You can feed it one page at a time or stack up to 50 sheets in the automatic document feeder. As the pages pass through the scanner, they are stacked in order, scanned-side down in a document catcher. No need to re-collate the stack.

Hard copy up to $8\frac{1}{2}$ x 14 (21.6 x 35.6 cm) is accepted. If the image only occupies part of the page, the software enables you to specify the location and size of the area to be scanned.

Versatile Image Manipulation

Once the image is on the screen, the user can perform a host of different operations on the image. For example, the image can be
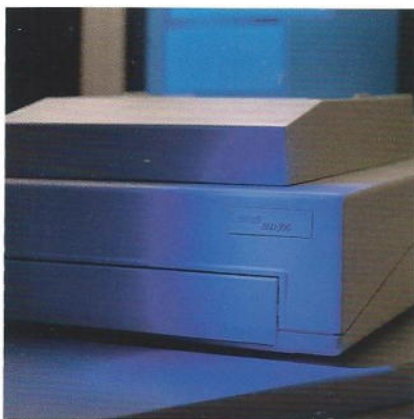
cropped, rotated, washed, inverted or magnified to change it into the exact form required.

Powerful, user-friendly software — VAXimage Scanning Application — is used to set up and control the MD300 VAXimage Scanning Subsystem. VAXimage Scanning Application is a DECwindows application which features pull-down menus and windows, and uses keyboard and mouse input for easy operation.

With VAXimage Scanning Application, you can preview images, adjust images, and create standards-compliant image files. Simple commands perform these complex functions transparently to the user. Thus, the full power and flexibility of the subsystem are at your fingertips without the need for lengthy training.

In addition, there is no need for a dedicated image system. Once the image has been scanned, it is accessible throughout the network. That's because the image file is fully compatible with Digital's powerful Compound Document Architecture.

A New Dimension in Electronic Publishing

The VAXimage Scanning Subsystem enables you to add images to documents as readily as textual material — the key to producing high-quality documentation. The MD300 scanner creates files that can be used with software such as VAX Document, DECpage and other compound document editors.

The creation, revision, distribution and production of compound documents including images, graphics and text become faster and more economical. An in-house scanning capability can also save the high cost of outside art production and graphic design.

Adherence to Standards

Because it complies with existing industry image standards, the VAXimage Scanning Subsystem protects your investment while giving you incredible flexibility in the use of image data. It meets the following standards:

1. Complies with X.400 and X.409 standards for multivendor mail and message support

2. Complies with CCITT Group 3 and 4 facsimile standards

3. Formats image files in DDIF (Digital Document Interchange Format) so they can be merged with multifont text, graphics and application data

4. Supports output documents in PostScript®, the industry standard page description language

For More Information

To find out more about the MD300 VAXimage Scanning Subsystem, contact your Digital sales representative or, in the United States, call 1-800-832-6277.

digital™

Configuration Information
The following information is based on the recommended usage of up to 150 sheets per hour.

Hardware Requirements
Q-bus VAX workstation with VMS V5.0
9 Mbyte (min.) of Main Memory

Software Requirements
VAXimage Scanning Application
DECwindows V1.0

The VAXimage Scanning Subsystem is supported by the VMS operating system.

Available Options
MD300-BA U.S. version for VAXstation II
MD300-B3 European version for VAXstation II
MD300-CA U.S. version for VAXstation 3000 series
MD300-C3 European version for VAXstation 3000

Orders outside of the United States must specify appropriate Country Kit. Worldwide kits are available.

Operating Environment

Operating temperature	50° to 104°F (10° to 60°C)
Relative humidity	20% to 80%
Power consumption(Vac)	U.S. version-88 to 132 Vac, 47 to 63 Hz, 1.4A max. Eur. version-176 to 264 Vac, 47 to 63 Hz, 0.7 A max

Dimensions

Height	4.6 in (117 mm) (without Automatic Document Feeder or single sheet paper guide
Width	15 inches (381 mm)
Depth	17.5 in (444 mm)

Regulatory Compliance
UL, VDE Class B, TUV, FCC Class A, CSA